

AMENDMENTS TO THE CLAIMS

This listing of Claims shall replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A display assembly for an electronic device comprising:
 - a display device;
 - a digitizer comprising ~~a conductive polymer disposed above a digitizing element, said conductive polymer capable of functioning in a non-planar surface disposed above said display and for providing an input to said electronic device in response to a deformation of said digitizer;~~ and
 - ~~a single-piece three dimensional top cover enclosing said electronic device and disposed above said digitizer and operable to allow mechanical transfer of external pressure to cause said conductive polymer to contact and activate said digitizing element responsive to said external pressure, wherein a point of contact on said single-piece three dimensional top cover is detected for enabling said deformation of said digitizer in response to a contact with said cover, wherein said cover overlaps a side of said display.~~
2. (Currently Amended) The display assembly of Claim 1, wherein said ~~single-piece three dimensional top cover~~ digitizer comprises a flexible thermoplastic outer film having a three dimensional top surface a conductive polymer disposed above a digitizing element.

3. (Currently Amended) The display assembly of Claim 2 1, wherein said ~~single-piece three-dimensional top cover~~ further comprises a flexible thermoplastic film and a supporting structure that is coupled to said flexible thermoplastic outer film.
4. (Cancelled)
5. (Currently Amended) The display assembly of Claim 4 2, wherein said digitizer further comprises a plurality of electrodes and traces operable to register ~~said~~ a point of contact when said conductive polymer makes contact with said digitizing element.
6. (Currently Amended) The display assembly of Claim 1, wherein said ~~single-piece three-dimensional top cover~~ further comprises a decorative border ~~constructed therein using an in-mold decoration process.~~
7. (Cancelled)
8. (Currently Amended) The display assembly of Claim 6, wherein said digitizer comprises electrical traces and circuits along a periphery that are hidden from ~~a user~~ view by said decorative border.
9. (Currently Amended) The display assembly of Claim 1, wherein said ~~single-piece three-dimensional top cover~~ has comprises indentations to indicate button functions.

10. (Currently Amended) A display for an portable electronic device comprising:

a processor;

a memory coupled to said processor; and

a display assembly comprising:

a display mechanism;

a digitizer disposed above said display and for providing an input to said portable electronic device in response to a deformation of said digitizer; and

~~a single-piece three-dimensional cover that is bezel-less which encloses said electronic device and is disposed over a top surface of said display mechanism and operable to allow mechanical transfer of pressure; and~~ disposed above said digitizer and for enabling said deformation of said digitizer in response to a contact with said cover, wherein said cover overlaps a side of said display.

~~a resistive digitizer mechanism disposed beneath said cover comprising a conductive polymer capable of functioning in a non-planar surface disposed above a digitizing element and, responsive to said mechanical transfer of said cover, operable for registering contact between said conductive polymer and said digitizing element corresponding to a contact point on said cover.~~

11. (Currently Amended) The display assembly portable electronic device of Claim 10, ~~further comprising~~ wherein said cover further comprises a flexible thermoplastic film and a supporting structure and wherein said single-piece three-dimensional top cover is a transparent coupled to said flexible thermoplastic outer film having a three-dimensional top surface coupled to said supporting structure.

12 (Cancelled)

13. (Currently Amended) The ~~display assembly~~ portable electronic device of Claim 10, wherein said digitizer comprises a conductive polymer disposed above a digitizing element, and wherein said single-piece three-dimensional cover has sufficient deflection is operable to deflect under external pressure to and cause said conductive polymer to contact said digitizing element and activate said resistive digitizer mechanism.

14. (Cancelled)

15. (Currently Amended) The ~~display assembly~~ portable electronic device of Claim 10, wherein said ~~single-piece three-dimensional~~ cover further comprises a decorative border ~~constructed therein using an in-mold decoration process.~~

16. (Cancelled)

17. (Currently Amended) The ~~display assembly~~ portable electronic device of Claim 15, wherein said ~~resistive digitizer mechanism~~ comprises electrical traces and circuits along a periphery that are hidden from a user view by said decorative border.

18. (Currently Amended) The ~~display assembly~~ portable electronic device of Claim 10, wherein said ~~single-piece three-dimensional~~ cover has comprises indentations to indicate button functions.

19. (Currently Amended) A display assembly for an a portable electronic device comprising:

a display mechanism;

~~a back cover;~~

~~a transparent single-piece cover having a bezel-less and three-dimensional top surface which encloses said electronic device disposed over a top surface of said display mechanism; and~~

~~a resistive digitizer mechanism disposed beneath said transparent single-piece cover comprising a conductive polymer capable of functioning in a non-planar surface disposed above a digitizer element and operable for registering a contact point on said transparent single-piece cover corresponding to a point of contact between said conductive polymer and said digitizing element above said display and for providing an input to said portable electronic device in response to a deformation of said digitizer[[.]] ;~~

~~a first cover disposed above said digitizer and for enabling said deformation of said digitizer in response to a contact with said cover, wherein said cover overlaps a side of said display; and~~

~~a second cover coupled to said first cover, wherein said first and second covers enclose said display and said digitizer.~~

20. (Cancelled)

21. (Currently Amended) The display assembly of Claim 19, wherein said ~~transparent single-piece~~ first cover has sufficient deflection is operable to deflect under external pressure to and activate said ~~resistive digitizer mechanism~~.

22. (Currently Amended) The display assembly of Claim 19, wherein said ~~transparent single-piece~~ first cover further comprises a decorative border ~~constructed using an in-mold decoration process.~~

23. (Cancelled)

24. (Currently Amended) The display assembly of Claim 22, wherein said ~~resistive digitizer mechanism~~ comprises electrical traces and circuits along a periphery that are hidden from a ~~user~~ view by said decorative border.

25. (Currently Amended) The display assembly of Claim 19, wherein said ~~transparent single-piece~~ first cover ~~has~~ comprises indentations to indicate button functions.

26-28. (Cancelled)

29. (New) The display assembly of Claim 19, wherein said first cover further comprises a flexible thermoplastic film and a supporting structure coupled to said flexible thermoplastic film.

30. (New) The display assembly of Claim 19, wherein said digitizer comprises a conductive polymer disposed above a digitizing element, and wherein said first cover is operable to deflect under external pressure and cause said conductive polymer to contact said digitizing element and activate said digitizer.

31. (New) The display assembly of Claim 19, wherein said digitizer further comprises a plurality of electrodes and traces operable to register a point of

contact when said conductive polymer makes contact with said digitizing element.

32. (New) The display assembly of Claim 19, wherein said first cover comprises at least one transparent portion.

33. (New) The display assembly of Claim 19, wherein said digitizer comprises a resistive digitizer.

34. (New) The portable electronic device of Claim 13, wherein said digitizer further comprises a plurality of electrodes and traces operable to register a point of contact when said conductive polymer makes contact with said digitizing element.

35. (New) The display assembly of Claim 1, wherein said cover comprises at least one transparent portion.

36. (New) The display assembly of Claim 1, wherein said digitizer comprises a resistive digitizer.

37. (New) The portable electronic device of Claim 10 further comprising:
an additional cover coupled to said cover, wherein said cover and said additional cover enclose said display and said digitizer.

38. (New) The portable electronic device of Claim 10, wherein said cover comprises at least one transparent portion.

39. (New) The portable electronic device of Claim 10, wherein said digitizer comprises a resistive digitizer.